

Converting Colors

CIELCh(79, 9.817, 245.310)

Have a look what the booklet for
CIELCh(79, 9.817, 245.310) contains.

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Color

CIELCh(79, 9.920, 243.617)

Conversions

Conversions Part 1

Format	Color
Hex	B2C7D4
RGB	178, 199, 212
RGB Percent	70%, 78%, 83%
CMY	0.3028, 0.2204, 0.1695
CMYK	0.16, 0.06, 0.00, 0.17
HSL	203°, 28%, 76%
HSV	203°, 16%, 83%
XYZ	50.5398, 54.9284, 70.0802
YIQ	194.2030, -16.6890, -0.4090

Conversions

Conversions Part 2

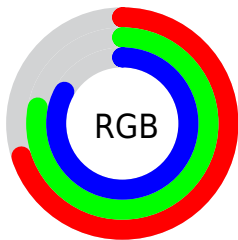
Format	Color
R_{YB}	178, 191, 212
Decimal	11716564
CIE Lab	79.00, -4.41, -8.89
CIE LCh	79, 9.920, 243.617
Yxy	54.9284, 0.2879, 0.3129
Android (android.graphics.Color)	4289906644 (0xFFB2C7D4)
YUV	194.2030, 8.7739, -14.2100
Hunter-Lab	74.1137, -7.9758, -4.1837

Details

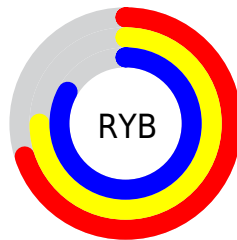
The CIELCh color $79, 9.920, 243.617$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 10.661, 60.160$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $99, 7.186, 199.043$, and $59, 9.775, 243.200$ is the 20% darker color. If you saturate the color by 10%, you get $75, 15.812, 245.061$, and if you desaturate by 10%, it is $83, 3.799, 242.481$.

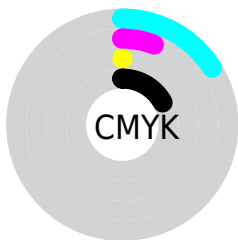
Distribution



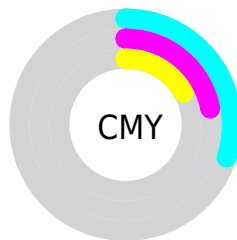
- Red (70%)
- Green (78%)
- Blue (83%)



- Red (70%)
- Yellow (75%)
- Blue (83%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)



- Cyan (30%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 9.920, 243.617 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 79, 9.920, 243.617 by changing the saturation by 10% instead.

■ 79, 9.920, 243.617

■ 79, 9.920, 243.617

■ 100, 9.920,
243.617

■ 69, 9.920, 243.617

■ 99, 9.920, 243.617

■ 59, 9.920, 243.617

■ 49, 9.920, 243.617

■ 39, 9.920, 243.617

■ 29, 9.920, 243.617

■ 19, 9.920, 243.617

■ 9, 9.920, 243.617

■ 0, 9.920, 243.617

■ 79, 9.920, 243.617

■ 79, 9.920, 243.617

75, 15.812,
245.061

83, 3.799, 242.481

72, 21.423,
246.859

86, 2.499, 61.177

69, 26.704,
249.068

90, 8.929, 60.498

65, 31.619,
251.769

93, 13.382, 67.669

62, 36.159,
255.035

95, 15.231, 86.389

59, 40.362,
258.915

97, 18.298, 99.830

56, 44.324,
263.400

99, 21.834,
108.524

54, 48.198,
268.376

53, 49.773,

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79, 9.920, 243.617



79, 10.661, 60.160

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 9.920, 243.617



79, 9.920, 293.617



79, 9.920, 63.617



79, 9.920, 113.617

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



79, 9.919, 243.607



98, 3.655, 242.398



82, 16.910, 155.889



52, 2.491, 242.456



0, 0.000, 0.000



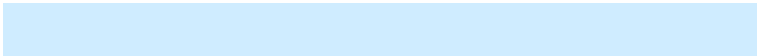
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 9.919, 243.607



92, 13.578, 244.031



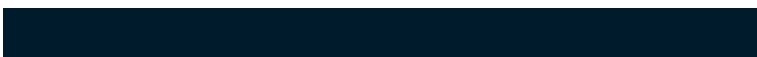
75, 15.975, 286.060



43, 3.577, 242.816



43, 41.941, 269.501



9, 14.474, 258.103

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



76, 16.901, 339.013



88, 23.306, 339.275



83, 15.577, 102.391



42, 5.998, 338.475



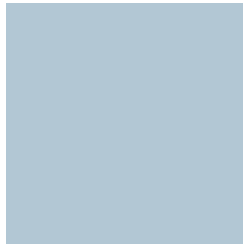
37, 65.339, 351.202



5, 25.057, 346.159

Previews

White Background



This preview shows how the CIE LCh color 79, 9.920, 243.617 looks on a white background.

Color Contrast Check

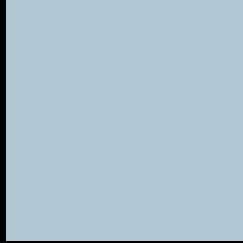
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 79, 9.920, 243.617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

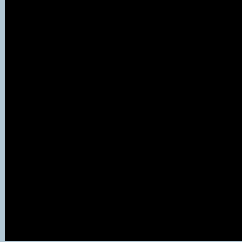
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

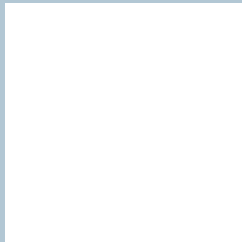
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 9.920, 243.617

Background



This preview shows how black text looks on a background with the CIELCh color 79, 9.920, 243.617.

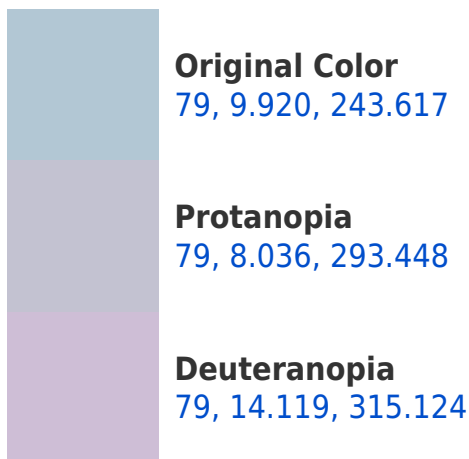


This preview shows how white text looks on a background with the CIELCh color 79, 9.920, 243.617.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
79, 10.835, 251.407

Trichromacy



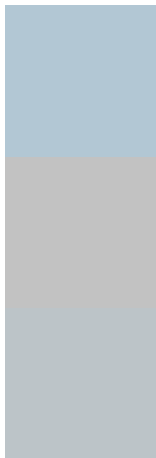
Original Color
79, 9.920, 243.617

Protanomaly
79, 7.829, 272.466

Deuteranomaly
79, 10.771, 296.794

Tritanomaly
79, 10.440, 249.435

Monochromacy



Original Color
79, 9.920, 243.617

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 3.559, 236.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 9.920, 243.617 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(178, 199, 212)` looks like.

```
.text, #text, p{  
    color:rgb(178, 199, 212)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(178, 199, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 199, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 9.920, 243.617 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 199, 212) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(178, 199, 212) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(178, 199, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 199, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 199, 212);  
box-shadow:4px 4px 4px 4px rgb(178, 199,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 9.920, 243.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 199, 212) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(178,  
199, 212) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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